

AUTHORS: Shohukarev, S. A., Kolbin, H. I., 30V/78-3-8-1/48 Ryabov, A. N. TITLE: On the Dissociation- and Sublimation Tension of Authonium-(III)-Chloride (Ob urrugosti dissotsiatsii i sublimatsii trikhlorida ruteniya) PERIODICAL: Zhurnal neorganicneskoy khimii, 1958, Vol. 3, Nr 8, pp. 1721-1726 (USSR) ABSTRACT: RuCl, is produced by chlorination of finely powdered metallic ruthenium with chlorine. For the determination of the dissociation- and sublimation tension of RuCl, three methods have 1) Static method with buffer - excentrated sulfuric acid. 2) Method of the quartz membrane. 3) Dynamically with nitrogen as carrier gas. The dissociation tension of solid ruthenium-(III)-chloride at temperatures of 773-1058°K was calculated. From these data the variation of the thermodynamic functions with the dissociation of ruthenium-(III)-chloride was found:  $\Delta^{II}_{298} = 49 \pm 2 \text{ kcal}, \Delta^{F}_{298} = 35 \pm 2 \text{ kcal}, \Delta^{S}_{298} = 47 \pm 2 \text{ e.ye.}$ Card 1/2

On the Dissociation- and Sublimation Tension of Huthenium-(III)-Chloride

30V/78-3-8-1/49

The sublimation of RuCl, was determined at 950-1100°K. On the strength of these results the thermodynamic characteristic values of the sublimation process of RuCl, for the temporature 975°K were calculated: AH = 46 kcal, AS = 41 e.ye. There are 3 figures, 5 tables, and 8 references, 4 of which are Soviet.

ASSOCIATION:

Leningradskiy goandarstvennyy universitet, Kufedra obshchey i neorganicheskoy khimii (State University of Leningrad, Chair of General and Inorganic Chemistry)

SUBMITTED:

July 8, 1957

Card 2/2

5.2200 5.4/30 <del>5(4)</del>

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50V/54-59-4-15/22

AUTHORS:

Kolbin, N. I., Ryabov, A. N.

TITLE:

On the Modifications of Ruthenium Trichloride

PERIODICAL:

Vestnik Leningradskogo universiteta. Seriya fiziki i khimii, 1959, Nr 4, pp 121-127 (USSR)

ABSTRACT:

The authors first discuss publications on ruthenium modifications with reference to Klaus (Ref 1) et al. RuCl, was obtained by some research workers in two modifications, i.e. in the form of small black lustrous relations.

of small black, lustrous plates and cinnamon-colored powders.

However, the development and the properties of these modifications have not yet been fully explained. Thus, the authors carried out the present investigation. The production of ruthenium tri-chloride from metallic ruthenium in dry Cl current was studied

in the temperature range 280-840°C. The metallic ruthenium was obtained from RuCl<sub>3</sub> by dechlorination with the aid of H<sub>2</sub>.

Two methods were employed: 1) Sample in quarts shuttle and quarts tube. 2) Glass tube in the form of a pipette. The second method was more convenient. The resultant chlorides were analyzed by dechlorination with hydrogen and by determination of the

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On the Modification of Ruthenium Trichloride 807/54-59-4-15/22

> quantity of the separated HCl. Moreover, the authors took Debye powder patterns and electron diffraction pictures. In dependence on temperature, the authors obtained either the cinnamon-colored powder (below 500°C) or the small black plates (above 500°C). In the case of incomplete dechlorination, the RuCl, lines were

still observed in the X-ray picture in addition to metallic Ru. This indicated the presence of a mixture of the two substances and not the formation of low-valence Ru chlorides (as e.g. Ru,Cl)

In the case of a chlorination of up to Ru:Cl = 2:5, no metal lines were observed any longer. The authors attempted to explain this by the electron diffraction pictures (plotting and discussion by K. V. Ovohinnikov). Three modifications were observed by an investigation of RuCl, sublimated over the cold

parts of the apparatus. These are the black plate modification (a) at formation temperatures of about 600 U, below a dark-cinnamon-colored powder modification, and above 700°C once again a cinnamon, woolly modification, which radiographically corresponded to the β-modification developing at 500°C. The dark, cinnamon modification was strongly hygroscopic, and, contrary to the other modifications, it was readily soluble in water.

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On the Modifications of Ruthenium Trichloride SOV/54-59-4-15/22

The X-ray studies have shown that the third modification is probably amorphous (for data see table 1). The structure of the  $\alpha$ -modification was determined by Ye. V. Stragonov and Ovchinnikov. Investigations of the phase transitions (Fig 3: heating curves), indicated a direct transition of the  $\beta$ -phase into the  $\alpha$ -phase at 600°C. Prom density determinations by means of a pycnometer the authors obtained a value of 3.90 g/cm² for the  $\alpha$ -modification (Table 3), which is in contradistinction to reference 8 (3.11). The density of the  $\beta$ -modification and the amorphous modification was determined for the first time in this investigation. There are 3 tables and 12 references, 2 of which are Soviet.

SUBMITTED: May 25, 1959

Card 3/3

5(2)

SOY/78-4-7-41/44

AUTHORS:

Shchukarev, S. A., Kolbin, N. I., Ryabov, A. N.

TITLE:

On a Volatile Higher Chloride of Ruthenium (O letuchem vysshem

khloride ruteniya)

PERIODICAL:

Zhurnal neorganicheskoy khimii, 1959, 1 4, No 7,

pp 1692-1693 (USSR)

ABSTRACT!

The authors found in the course of the chlorination of metallic ruthenium by means of chlorine gas that amorphous RuCl<sub>3</sub> is deposited at the cold places of the apparatus. As the vapor pressure of RuCl<sub>3</sub> is negligibly low at the temperature of 400° used, this cannot concern the evaporation of RuCl<sub>3</sub>. The formation of RuCl<sub>4</sub> is assumed and its vapor pressure is calculated from

of RuCl<sub>4</sub> is assumed and its vapor pressure is calculated from the difference between the RuCl<sub>3</sub> carried away in the nitrogenand in the chlorine current. The investigation is being con-

tinued. There are 1 figure and 2 references, 1 of which is

Soviet.

ASSOCIATION: Card 1/2 Leningradskiy gosudarstvennyy universitet im. Zhdanova, Kafedra

neorganicheskoy khimii (Leningrad State University imeni

On a Volatile Higher Chloride of Ruthenium

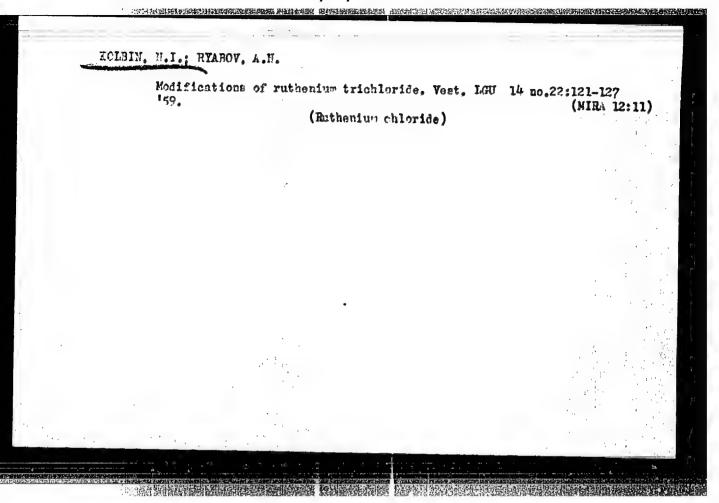
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Zhdanov, Chair for Inorganic Chemistry)

SUBMITTED:

February 23, 1959

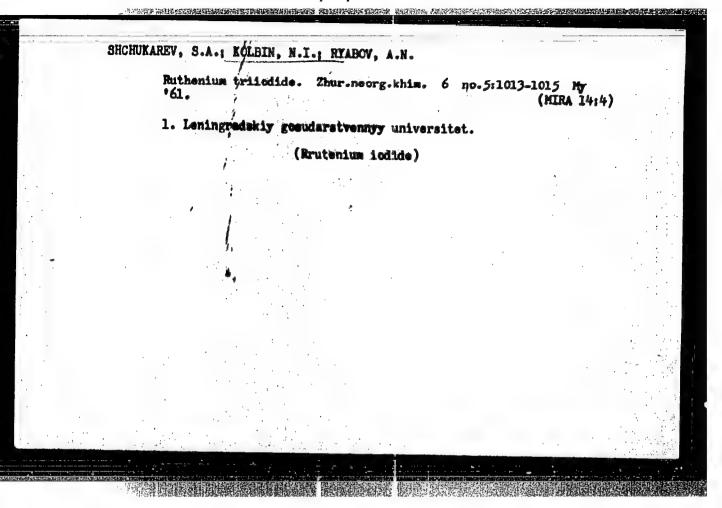
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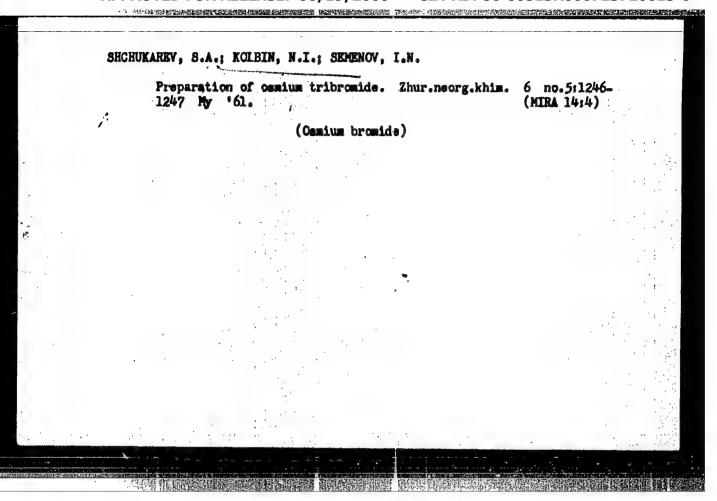


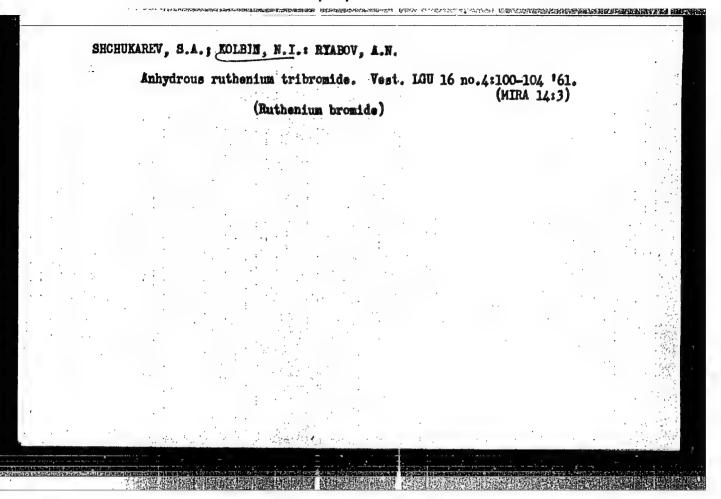
SHCHITAREY, S.A.; KOLDIE, E.I.; RYADOV, A.E.

Ruthenium tribromide. Zimr. neorg. khim. 5 no.8:1900-1901 Ag '60.
(MIRA 13:9)

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(Ruthenium bromide)





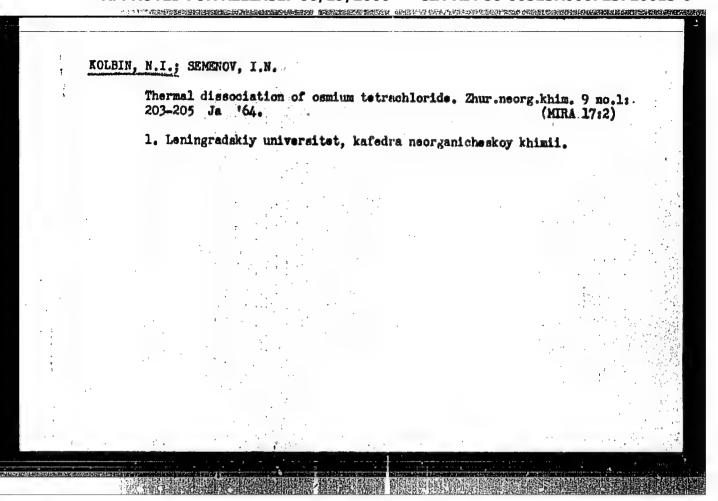


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AUTHOR: Kol	bin, N. I.; Rys	bov. A. W.   Sam	ylov, V. M.	54	
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ABSTRACT 1 - E		Hwas obtained b		o a liquid air-coo	
in fused que	rtz equipment it to the trichlori	in a stream of c	klorine at 750 de at -30 degrees;	y heating RuCl sub- agrees. RuCl sub- the reaction is n I figure; 1 equati	<b>0t</b> -101
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KOLBIN, N.I.; SEMENOV, I.N.; SHUTOV, Yu.M.

Forms of the compounds in the osmium - chlorine system.
Zhur. neorg. khim. 8 no.11:2422-2427 N '63, (MIRA 17:1)



KOLBIN, N.I.; SEMENOV, I.N.; SHUTOV, Yu.M.

Thermal dissociation of osmium trichloride. Zhur, neorg. khim. 9 no.5:1029-1031 My '64. (MIRA 17:9)

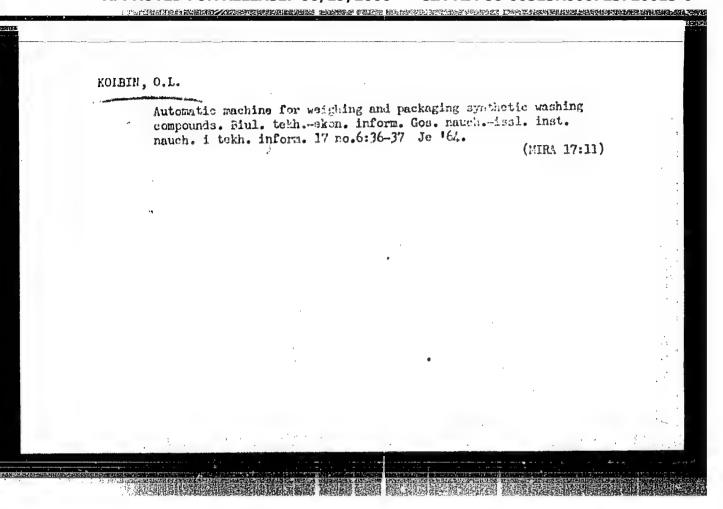
1. Kafedra neorganicheskoy khimii Leningradskogo gosudarstvennogo universiteta.

ZVYAGINTSEV, Orest Yevgen'yevich, prof., doktor khim. nauk;
AVTOKRATOVA, Tat'yana Dmitriyevna, kand. khim. nauk, dots.;
GORYUNOV, Anatoliy Alekseyevich, kand.khim. nauk, assistent;
KOLBIN, Nikolay Ivanovich, kand.khim.nauk, dots.;RYABOV,
Al'ber Nikolayevich, kand. khim. nauk, assistent; KORCHEMNAYA,
Ye.K., red.

[Chemistry of ruthenium] Khimiia ruteniia. [By] O.E.Zviagintsev i dr. Moskva, Nauka, 1965. 299 p. (MIRA 18:6)

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1. Leningradskiy gosudarstvennyy universitet im. A.A.Zhdanova (for Kolbin, Ryabov, Gorvunov). 2. Moskovskiy institut stali i splavov(for Avtokratova).



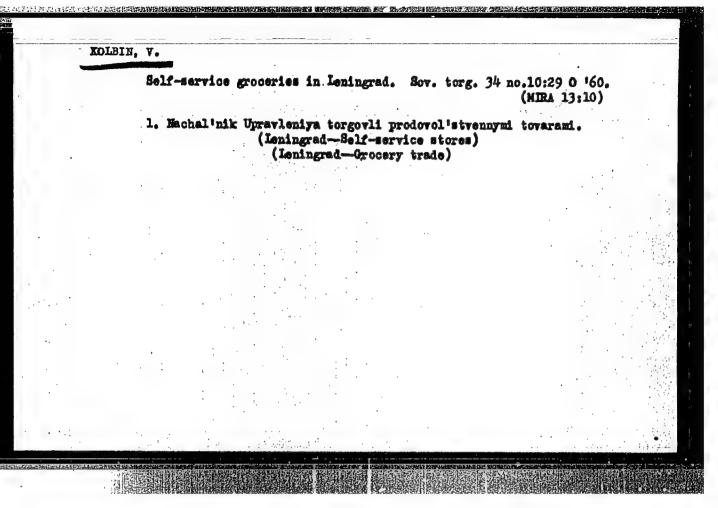
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The magasine "Sovetskaia potrebitel'skaia kooperatsiia." Sov.
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instituta torgovli i obshchestvennogo pitaniya (for Morosov).
2. Rukovoditel' raboty, starshiy nauchnyy sotrudnik Msuchnoissledovatel'skogo instituta torgovli i obshchestvennogo pitaniya
(for Shirokov), 3. Tekhnikun sovetskoy torgovli v Fyatigorske
(for Livshits), 4. Direktor Moskovskogo magasina samoobslushivaniya
Mo.65 "Gastronom" (for Krutikov). 5. Zamestitel' nachal'nika
Upravleniya torgovli prodovol'stvennymi tovarami Leningrada (for
Kolbin).

(Cooperative societies--Periodicals)

# WOLBIN, V. Unsolved problems of brigade liability. Sov. torg. 33 no.8:41-42 Ag '59. (MIRA 12:11) 1. Machal'nik Upravleniya torgovli prodbvol'stvennymi tovarami Leningrada. (Leningrad--Clerks (Retail trade))



KOLBINA L. I.

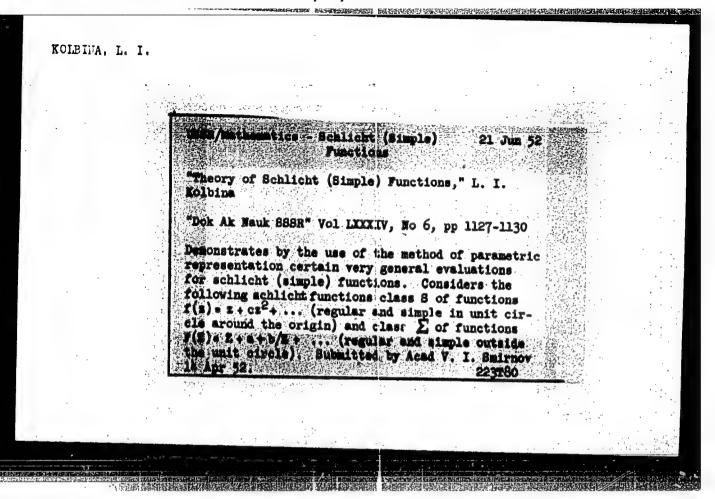
USBR/Mathematics - Conformal Representation 11 Jun 52

(Reflection)

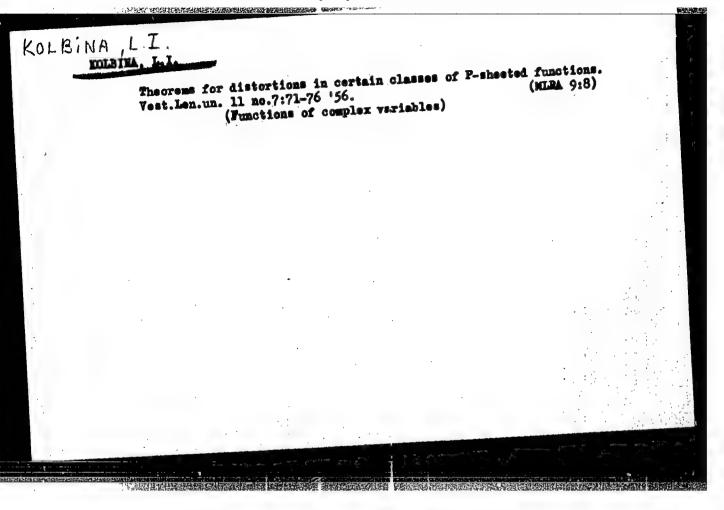
"Certain Extremal Problems in Conformal Reflection," L. I. Kolbina

"Dok Ak Nauk SSSR" Vol LXXXIV, No 5, pp 865-868

The author investigates a number of extremal problems by the method of variations, employing G. M. Goluzin's theorem to obtain variational functions that depend upon a small complex parameter h (cf. G. M. Goluzin, Matemat Sbor" Vol XIX, No 2, 203 1946. She establishes a theorem concerning the max of Js/f'\*(0).f'\*(0)/ for all possible systems of functions fk(z) (such that fk(0): A., const). Submitted by Acad V. I. Smirnov 14 Apr 52



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	108 - Mapping Pub. 127 - 3/12
Authors	Kolbina, L. I.
Title (	Conformal mapping of a singular circle upon the regions overlaping each other
Periodical :	Vest. Len. un, ser, mat. fis, khim. 5, 37-43, May 1955
Abstract :	The conformal mapping of a singular circle,   C   , on the regions
	overlaping each other is discussed. The maximum of the I of the product I = $\int_{-\infty}^{\infty} f(A(0)) dA$ is sought, where $\int_{-\infty}^{\infty} f(A(0)) dA$
	and N=1,2, the fk(() are regular functions in
	the
Institution:	regions 13 coverlapping each other. Two references (1952).
Submitted :	Jamary 13, 1955



ALEKSANDROV, A.D.; AKILOV, G.P.; ASHLEVITS, I.Ya.; VALIANDER, S.V.;

VLADINDROV, D.A.; VULITH, B.Z.; GARRIEN, M.K.; KANTOROVICE, L.V.;

KOLEIKA. L.I.; LOZIESKIY, S.M.; LADIZHENSKATA, O.A.; LINETH, Ya.V.;

KIKITIN, A.A.; POLYARROV, B.M.; PILISHER, A.Q., SHIRMOV, V.I.;

SAPROBOVA, O.P.; SMOLITSKIY, Kh.L.; FADIETEV, D.K.

Grigorii Mikhailovich Fikhtengol'ts; obituary. Vest. LOU 14 no.19:

(MIRA 12:9)

158-159 '59.

(Fikhtengol'ts, Grigorii Mikhailovich, 1888-1959)

MASAGUTOV, R.M.; BERG, G.A.; KOLBINA, L.I.; KHARITSKAYA, R.Z.

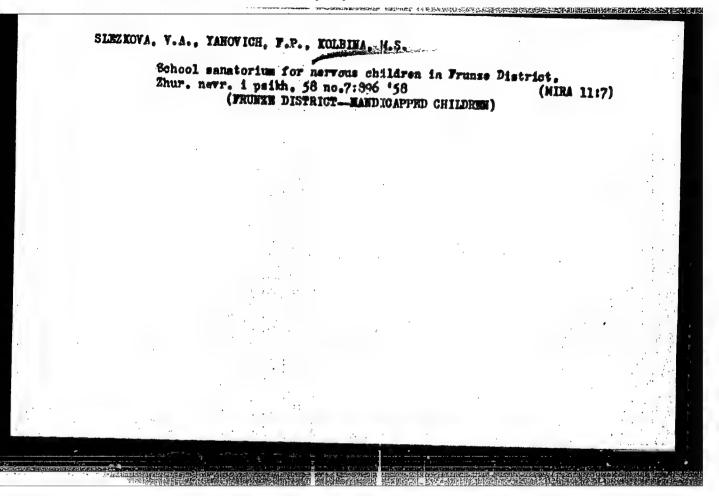
Economic effectiveness of certain variates of the preparation of raw stocks for catalytic cracking. Trudy Bash NIINP no.5:94-98
162.

(MIRA 17:10)

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Economic significance of the use of chemicals in petroleum refining and the classification of these chemicals. Trudy BashNII NP no.6:283-293 '63. (MIRA 17:5)

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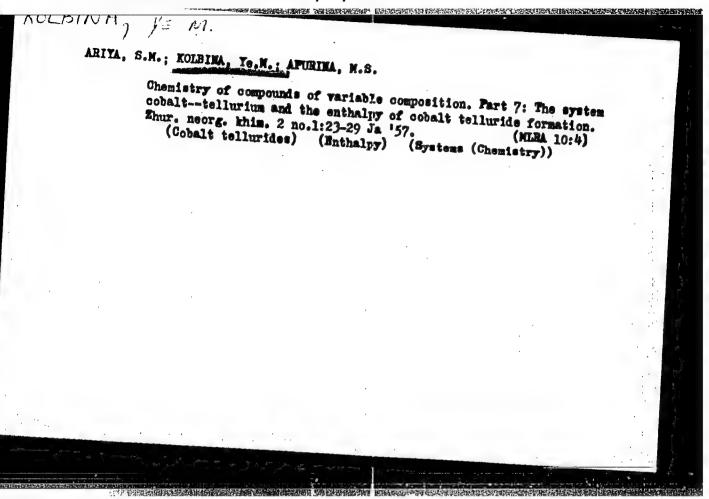
KOLBINA, S. A.

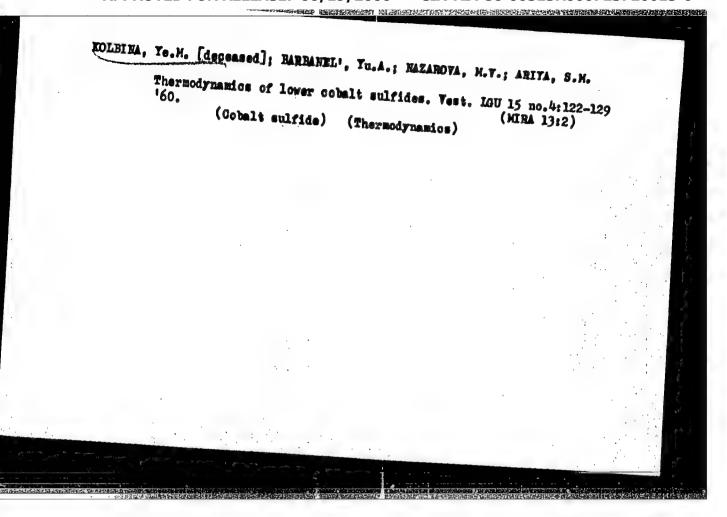
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	priki. Khim.	mixture of hydrochlorination products 38 no.7:1541-1549 J1 '65.	of pentaerythr	itol.
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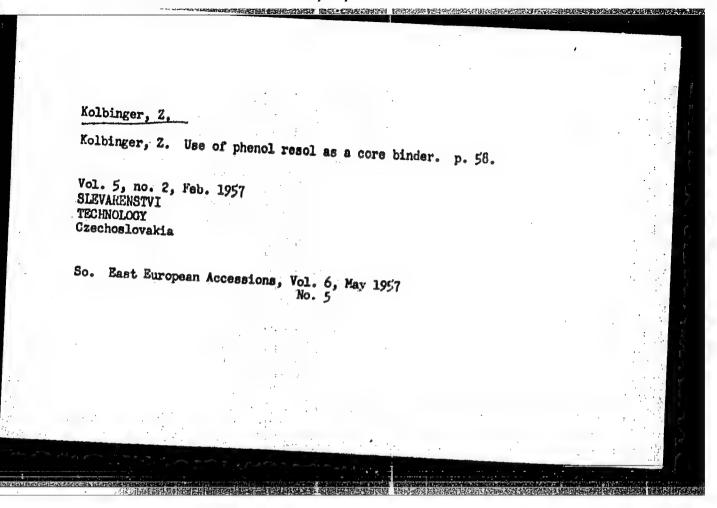


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SKVCRTSOVA, G.G.; SAMUYLOVA, M.Ya.; KOLBINA. Z.M.; STEPANOVA, Z.V.

Hydrolysis of N-monosubatituted vinyl ethers of A-asinophenols.
Zhur. org. khim. 1 no.1:111-113 Ja \*65. (MIRA 18:5)

1. Irkutskiy institut organichoskoy khimii Sibirskogo otdeleniya
AN SSSR.



KOLBINGER, Z.

"Long-term melting process in the foundry of gray cast iron." p. 61.

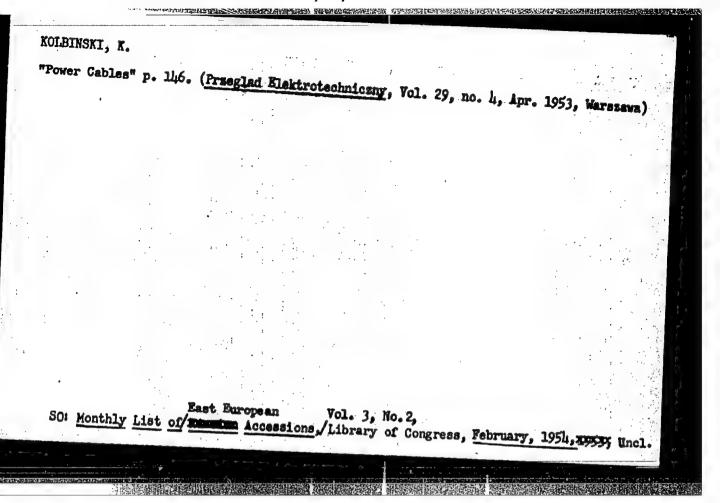
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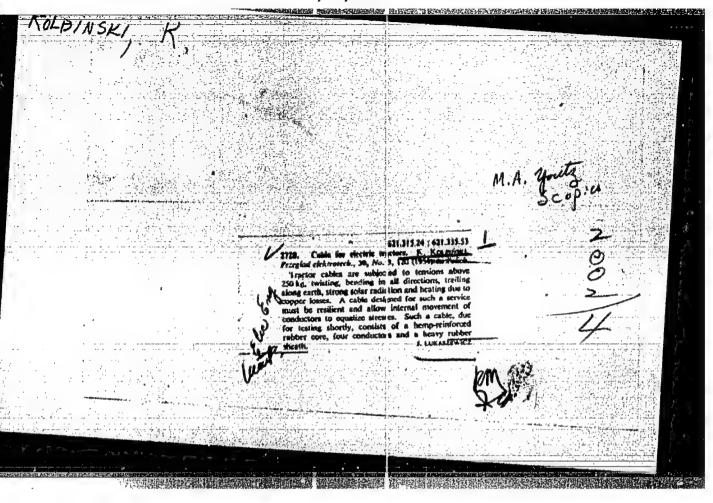
Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

VETISKA, Ales; KOLBINGER, Zdenek

New testing method for verification of gray cast iron quality in castings. Slevarenstvi 11 no.6:221-226 Je 163.

1. Katedra slevarenstvi, Vysoke uceni technicke, Brno; Zavody na vyrobu kulickových lozisek, Brno - Lisen.





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Aims, tasks, and duties of the Polish Electrical Engineers Association.

P. 401 (Przeglad Elektrotechniczny, Vol. 32, no. 10, Oct. 1956, Warszawa, Poland)

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KOIBINSKI, K. SALAMON, L.

2d Wationwide Contest on Rationalization in the field of saving electric power.

P. 196 (WIADOMOSCI RIBETROTECHNICZNE) (Warsaw, Poland) Vol. 17. No. 6 1957

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## KOLBINSKI, K.

Fortieth anniversary of the Polish Electrical Engineers Association. p. 177. Problems to be discussed at the scientific session on the fortieth anniversary of the Polish Electrical Engineers Association, Warsaw, June 9-14, 1959.

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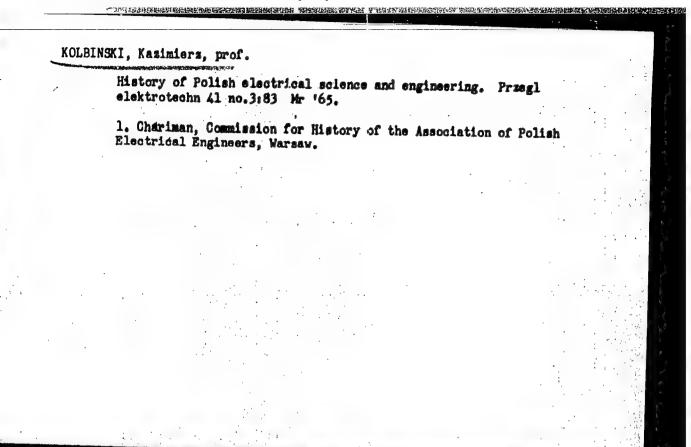
KOLPINSKI. Lazimierz, f.

Problems of electric power cables. Przegl elektrotechn
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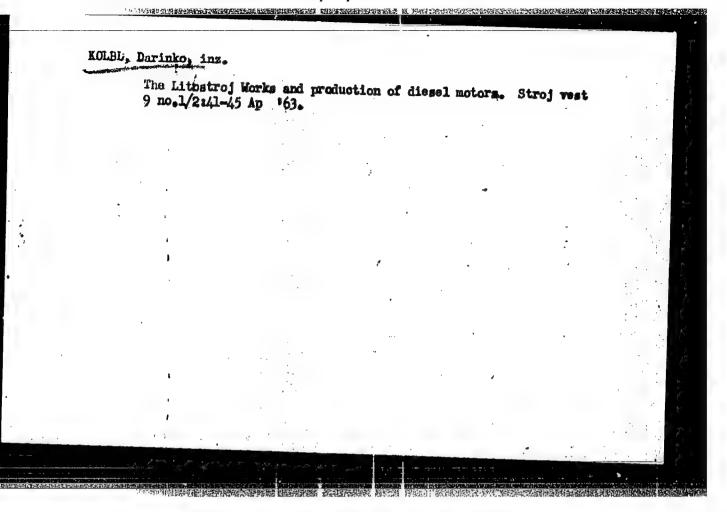
## KOLBINSKI, Kasimiers, prof.

A history of Polish electrical engineering. Wiad elektrotechn 34 no.1:23 Ja '65.

1. Chairman, Historical Committee of the Association of Polish Electrical Engineers, Warsaw.



## VARTANYAN, O.A.; KOLBINSKIY, P.V. Improving the living conditions of railroad workers. Put'i put. (MIRA 15:2) 1. Zamestitel' nachal'nika Ostrogoshskoy distantsii puti, Yugo-Vostochnoy dorogi (for Vartanyan). 2. Smotritel' zdaniy Ostrogoshskoy distantsii puti, Yugo-Vostochnoy dorogi (for Kolbinskiy). (Railroads—Buildings and structures)



KOLBL, Darinko, inz.

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1. Litostroj, Ljubljana.

KOLBL, M.

Carbon dioxide, production and possibilities of its use. p. 287

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Monthly list of East European Accessions (FEAI) LC Vol. 8, No. 12, Dec., 1959 Uncl.

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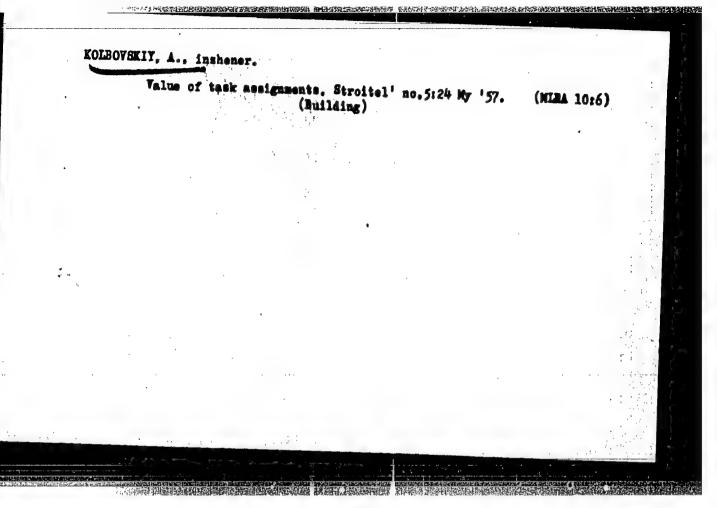
Cas. lek. cask. 103 no.45:1261-1262 6 N '64.

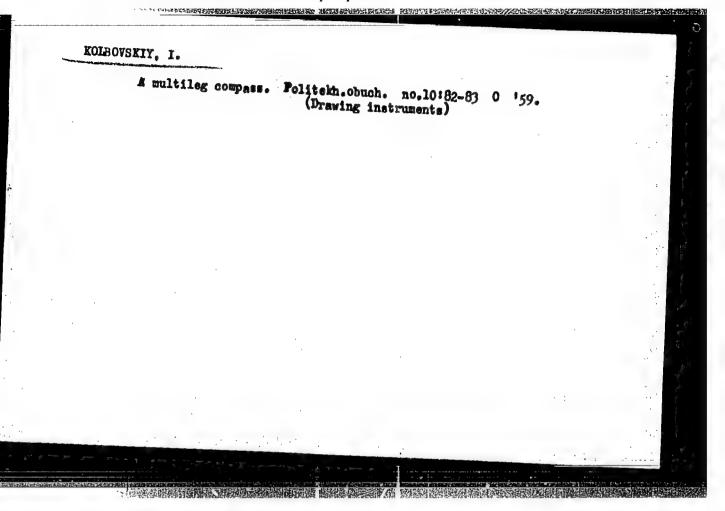
1. Porodnicko-gynekologicke oddeleni v Brandyse n Labem,
(vedouci MUDr. M. Zaloudek); Laborator pro endokrinologii
a metabolismus v Praze, (vedouci akademik J. Charvat) a
University v Praze (prednosta akademik J. Charvat).

KOLBNEY, A.F. and BELOUSOW, N.I.

"Increasing the Quality of Castings from Non-ferrous Metals."

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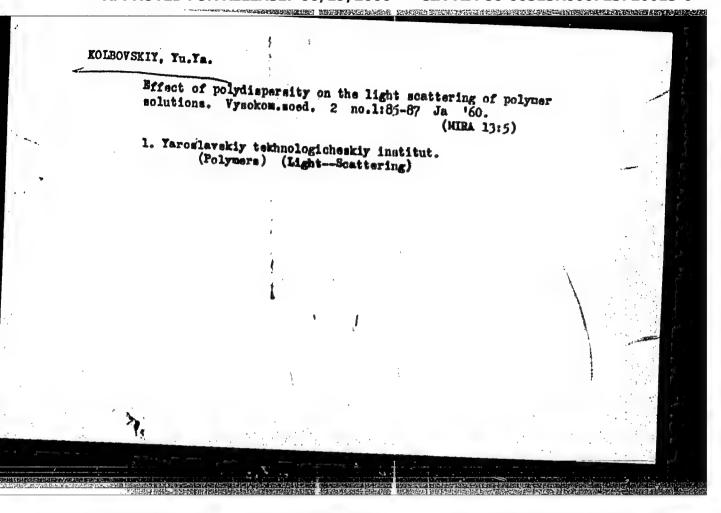


Category: USER/Analytical Chemistry - General Questions. G-1 Abs Jour: Referat Zhur-Khimiya, No 9, 1957, 30947 Author : Kolbovskiy Yu. Ya., Krizhanovskaya M. K. : Urals Institute or Perrons Metalist stopp of the garges of the same Title : Effect of Current Intensity on Slope of Calibration Graph. t bayantageous to utilize atrong our cuts, while with fingly Orig Pub: Zavod. laboratoriya, 1956, 22, No. 11, 1334-1335 Abstract; Experiments were carried out with standards of steel of 12-th series, prepared by the Urals Institute of Ferrous Metals. The spectra were excitated in alternating current are discharge with an operating gap of 2 mm, 10 seconds firing and with 15 seconds exposure. The upper electrode is carbon, the spectrograph is median, current intensity was varied over the range 4-7.5 a. Calibration graphs were plotted in the coordinates 1g Ian/Imean, 1g C according to analytical lines; Mn 2939.3 -Fe 2926/59, 81 2506.9 - Fe 2507.9, Cr 2077.1 - Fe 2684.75, N1 3050.8 - Fe 3055.26 A. On increase of current from 4 to 5.5 a the slope of the graphs is decreased. Further increase of cur-Card : 1/2 -21-

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Spectral determination of aluminus in alloyed brands of steel by making solutions. Fis. bor. no. 4:402-403 '58.

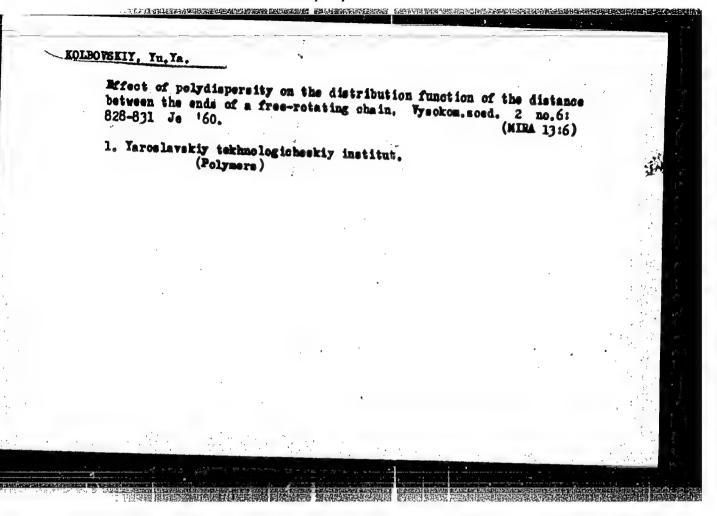
1. Fikopol'skiy yushnotrubnyy metallurgioheskiy zavod.
(Steel-Analysis) (Aluminus-Spectra)



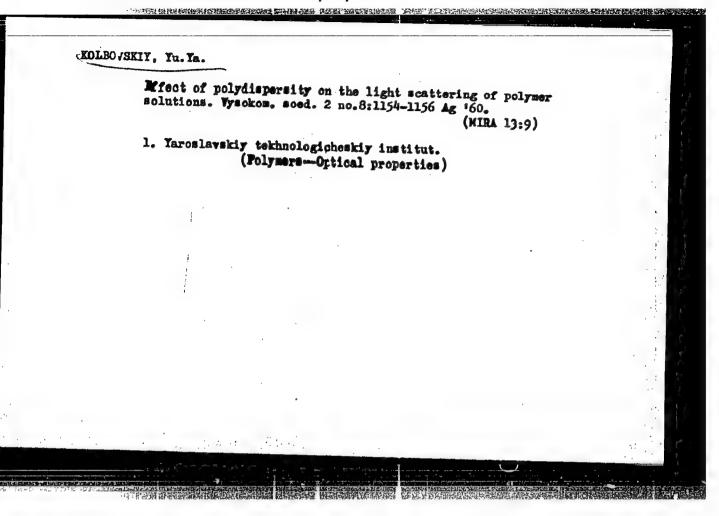
KOLDOVSKIT, Yu. Ya.

Iffect of polydispersity on the scattering of light by polymers.
Part 2. Vysokom.soed. 2 no.6:825-827 Je '60. (MIRA 13:6)

1. Yaroslavskiy tekhnologicheskiy institut.
(Polymers--Optical properties)



## IOLBOYSKIY, Yu.Ya. On the conformation of a stretched polymer chain. Vysokom. soed. 2 no.8:1144-1147 Ag '60. (MIRA 13:9) 1. Yaroslavskiy tekhnologioheskiy institut. (Polymers)



S/190/60/002/009/021/023/XX B004/B056

AUTHOR:

Kolbovskiy

TITLE:

The Scattering of Light by Solutions of Ramified Macromole-

cules Having a Single Point of Ramification

PERIODICAL:

Vysokomolekulyarnyye soyedineniya, 1960, Vol. 2, No. 9,

PP - 1375-1377

TEXT: The author aimed at deriving an equation for the angular distribution of scattered light in solutions containing macromolecules with a single ramification. He proceeds from the equation for the indicatrix P(0) of light scatter, which had been obtained by H. Benoit (Ref. 1);

$$P(\theta) = 2/Nu + (2/N^2u^2) \left\{ -\sum_{i=1}^{q} \left[ 1 - \exp(-uN_1) \right] + \sum_{i=2}^{q} \sum_{m=1}^{l=1} \exp(-u^{\lambda}_{1m}) \right\}$$

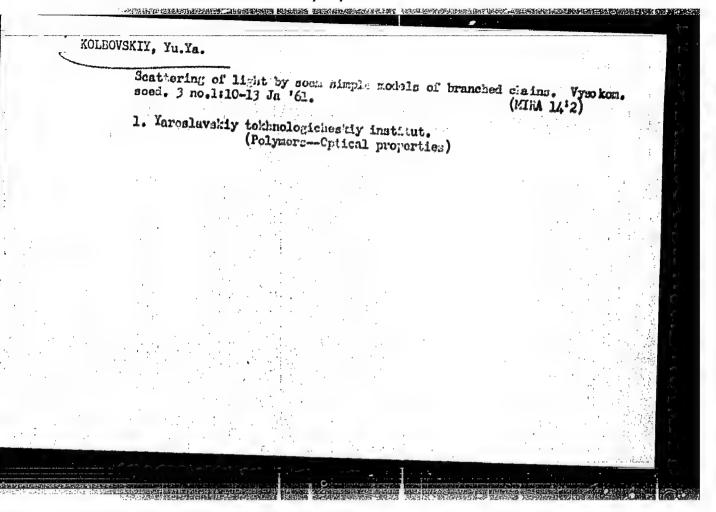
 $[1 - \exp(-uN_1)]$   $[1 - \exp(-uN_m)]$  (2). Here, N denotes the number of chain links of the macromolecule, q - the number of ramifications,  $\lambda_{lm}$  - the Card 1/2

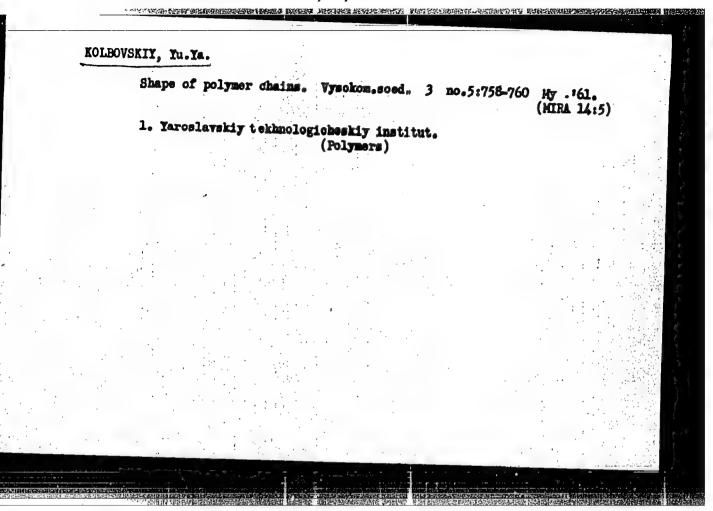
APPROVED FOR RELEASE: 06/19/2000

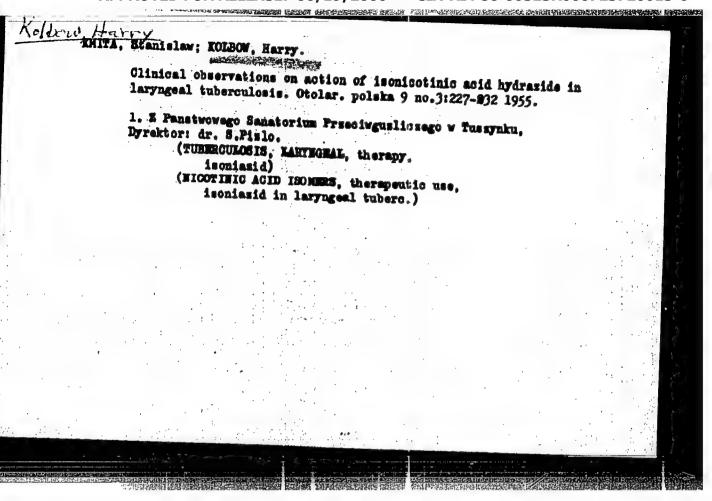
CIA-RDP86-00513R000723720013-6"

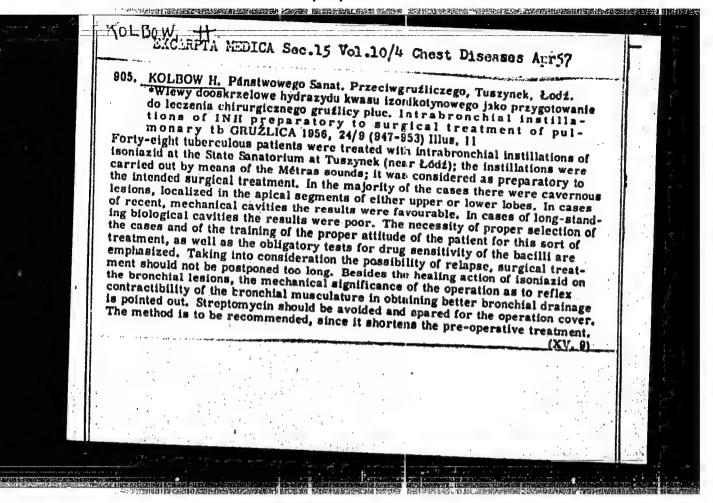
Card 2/2

The Scattering of Light by Solutions of S/190/60/002/009/021/023/XX Ramified Macromolecules Having a Single Point B004/B056 of Ramification distance between the neighboring links of the 1th and m th branch,  $u = \mu^2 b^2/6$ ,  $\mu = (4\pi/\lambda^2) \sin(9/2)$ , 1 - the length of the link,  $\lambda^2$  - the wavelength of the light in the solution. For the case investigated by the author,  $\lambda_{lm}=0$ . In order to determine the dependence of light scatter on the length x of the branch chain, the following is written down:  $\exp(-uNx_1) = q \left[1 - uN/q + (uN)^2/q(q+1) - (uN)^3/q(q+1)(q+2) + \dots\right] (12).$ This equation may be represented as degenerate hypergeometric function:  $F(\alpha, v, x) = \frac{1 + \alpha x}{v_{1}!} + \frac{\alpha(\alpha+1)x^{2}}{v(v+1)2!} + \frac{\alpha(\alpha+1)(\alpha+2)x^{3}}{v(v+1)(v+2)3!} + \dots$ (13). Herefrom one obtains:  $P(0) = \frac{(2/uN)}{1} - 2F(1, q+1, -uN) + F(1, q+1, -2uN)$ +  $F^2$ (1, q+1, -uN) (16). When q = 1 (16) gives the known equation for a ramified polymer chain. There are 5 references: 4 Soviet and 1 US. ASSOCIATION: Yaroslavskiy tekhnologicheskiy institut (Yaroslavl' Technological Institute) SUBMITTED: April 7, 1960









IVANOV, Ye. V.; GAODU, A.N.; GUZENKO, G.F.; Prinimali uchastiye: ALEKHIN, A.I.;

Smelting refractory materials in the OKB-514 electric furnace and manufacturing articles from them. Ogneupory 26 no.5:214(MURA 14:6)

1. Ukrainskiy nauchno-iasledovatel'skiy institut ogneuporov.
(Electric furnaces)
(Refractory materials)

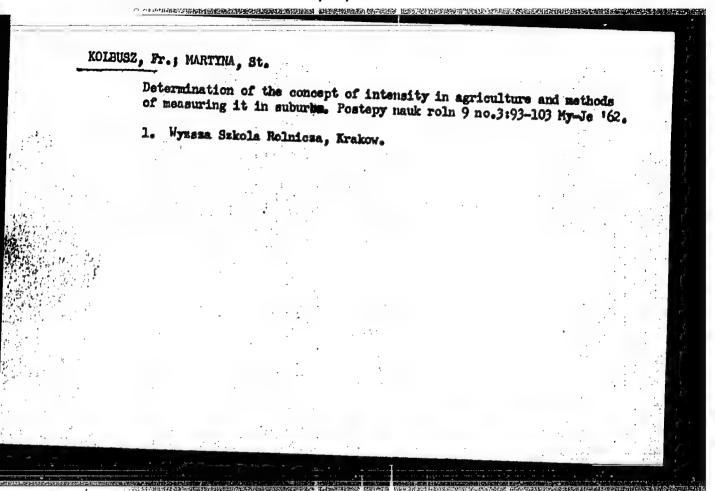
KOLBUSZ, F.

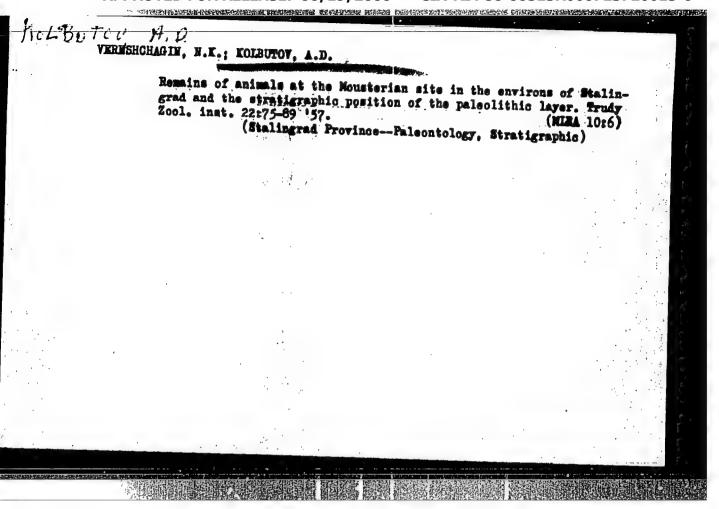
The influence of new agricultural policy on agricultural production in the regions where peasant dwarf farms are preponderant. p. 286

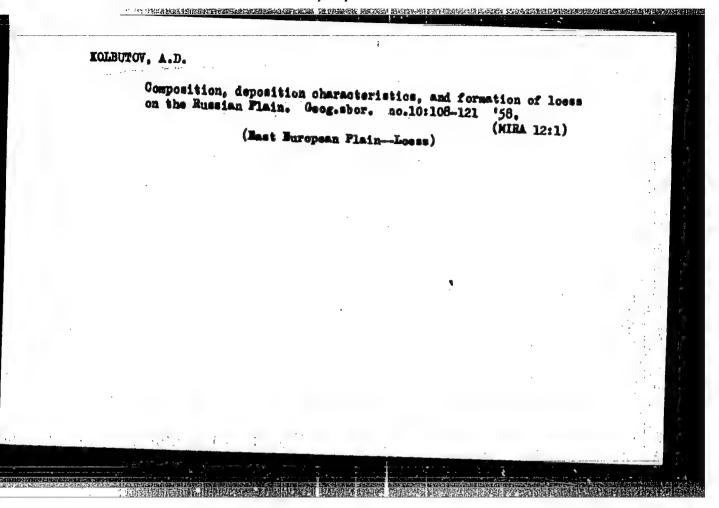
NOWE ROLNICTWO. (Panaturowe Wydawnictwo Rolnicze i Lesne) Warszawa. Vol. 8, no. 8, Apr. 1959 Poland

Monthly List of East European Index (EFAI), IC, Vol. 8, no. 6, June 1959

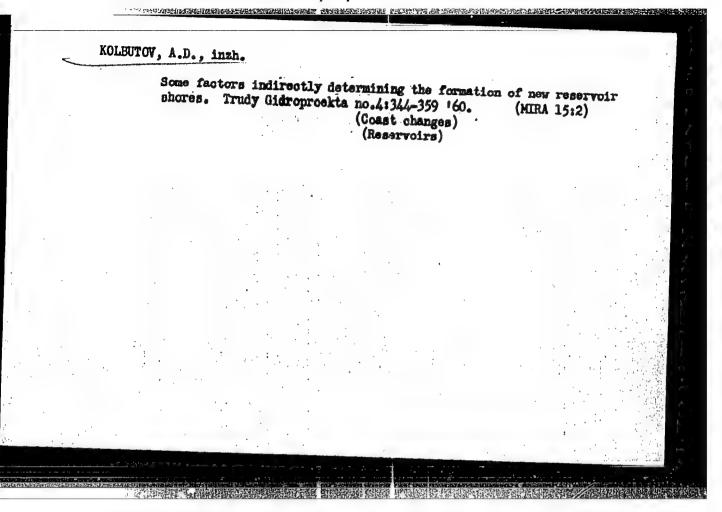
## KOLBUSZ, F.; OTOLINSKI, E. Some problems connected with the development of agriculture in Bulgaria. Postepy nauk roln 8 no.6:133-142 '61. 1. Wynsza Szkola Rolnicsa, Krakow. (Bulgaria—Agriculture)

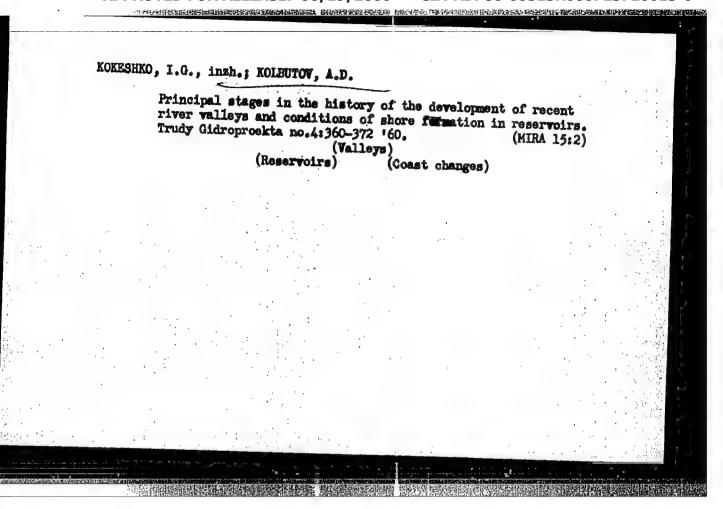






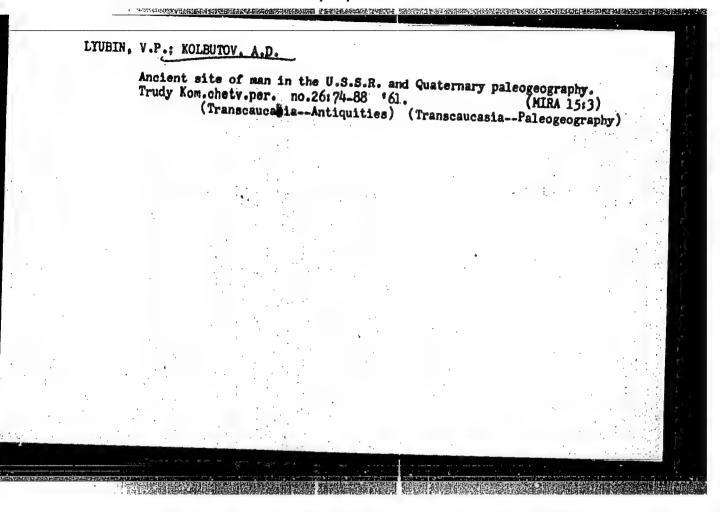
# Results of geomorphological observations on reservoir shores. Trudy Okean.kom. 8:226-234 !61. (MIRA 14:5) 1. Leningradskiy filial Gidroproyekta. (Reservoirs)





### "APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723720013-6



MALEK, P.; CERVINEA, P.; VHUREL, J.; KOLC. Janeary

New concepts of etiology and of pathogenic therapy of puerperal mattitis with special reference to pemphigus mastitis strain of Staphylococcus; clinical studies. Cesk; gyn. 18 no.4:306-313 Aug 1953. (CIML 25:4)

MALEX, P.; KOLC, J.; Technicka spoluprace: M. Skulova, M. Senoradova

Ciudies on dynamics of circulation and activities of substances
in the organism in shock conditions. I. Rules of administration
in tourniquet shock in rabbits. Cesk. fysiol. 5 no.2:191-199
23 June 56.

1. Ustav klinicke a experimentalni chirurgie, Praha.

(SHOCK, experimental.

eff. of hematotropic & lymphotropic substances (Cs))

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MALEK, P.; KOLG, J.; Technical collaboration: N. Skulova, N. Senoradova

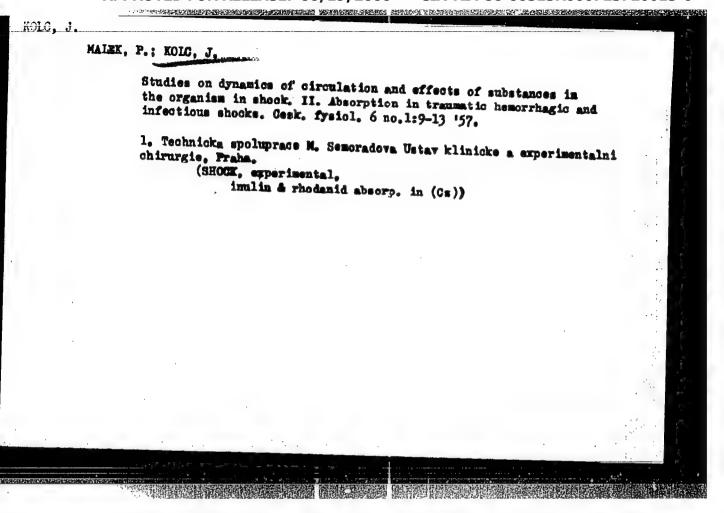
Studies on the dynamics of the circulation and action of substances in the organism in conditions of shock. I. Laws of absorption in tourniquet shock in rabbits. Physiol. bohem. 5 no.2:214-223 1956.

1. Institute of Experimental and Clinical Surgery, Prague-Erc. (SHOCK, experimental,

hematotropic & lymphotropic substances, absorp. in tourniquet shock in rabbits)

hematotropic substances, absorp. in tourniquet shock in rabbits)

lymphotropic substances, absorp. in tourniquet shock in rabbits)



FERRICE ROUGHDRICH CONTROL OF THE PROPERTY OF

CZECHOSLOVÁKIA / General Problems of Pathology, Shock.

U-4

Abs Jour

: Rof Zhur - Miol., No. 10, 1958, No 46770

Author

; Malek, Prokop; Kole, Jiri.

Inst

: Not given

Title

: The Toxic Reactivity of the Organism in Hypothermia Shock. Study of the Dynamics of Matter Circulation in the Organism During Shock.

Orig Pub

: Rozhl. chirurg., 1957, 36, No. 4, 209-213.

Abstracts

In rabbits, during shock caused by gyration, an increase of sensitivity to the staphylococcus toxin, to B. perfringens, and to viper venom was established. Hypothermia decreases such heightened sensitivity of shock. Toxic resistance was increased in hypothermia of control animals. Part III, see RZh. Riol., 1958, 3008.

Card 1/1

Exptl. Surgical Clinic, Prague

KULC, J.

MALEK, P.; KOIC, J.; ZAK, Fr.

Possibility of specific blocking of the lymphatic system; pathogenesis & experimental treatment of tetanus. Cas. lek. cesk. 96 no.43:1369-

1. Ustav klinicke a experimentalni chirurgie, reditel doc. Er B. Spacek.
11. pathologickoanatomicky ustav lekarske fakulty Karlovy university v
Praze, prednosta prof. Er. V. Jedlicka. K sedmiesatym narozenimam akademika.
A. Jiraska.

(TETANUE, exper.

eff. of specific blocking of lymphatic system with antitoxin (Gz))

(LYMPHATIC SYSTEM, in var. dis.

exper. blocking with antitoxin in exper. tetamus (Cs))

THE PENNSY STATE THE PENSON SERVICE SERVICE STATE OF THE PENSON HAVE DESCRIBED.

USSR/Pharmacology. Toxicology. Antibiotics.

Abs Jours: Ref. Zhur. - Biol., 22, 1958, 102951

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Author : Malsky P.; Goffman, I.; Gerol'd, M.; Kolts, Y. 每日下京的集团的基础的 (基格) 東京 中心 产生中 中心 ·

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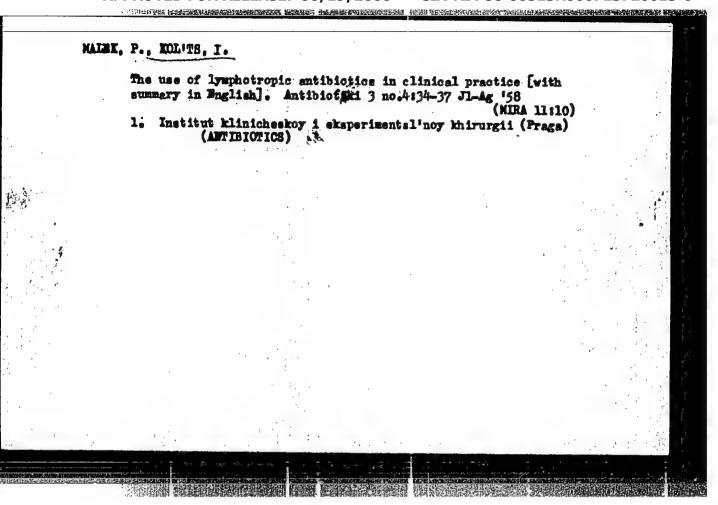
Lymphatic System.

Orig Pub: Antibiotiki, 1958, 3, No. 1, 45-51

Abstract: Antibiolymphins (I) are salts of antibiotics with

high-molecular-weight substances. The salts of streptomycin and neomycin with polymentacrylic acid, with dextran sulfate and carboxymethylstarch were tested. I are absorbed in intramuscular introduction to a considerable degree by means of the lymphatic system. As compared with commonly used antibiotics, they create lower concentrations of antibiotics in the blood and cir-

Card 1/2



CZECHOSLOVAKIA / Human and Animal Physiology (Normal and Pathological). Lymph Circulation.

SECTION TO THE PROPERTY OF THE

Abs Jour

: Ref Zhur - Biologiya, No 13, 1958, No. 60371

Authorogogy Maleky Pr. Kold Hart Shyatelegy Allers and : Not given the tone of the Chester Con.

Inst

Title

: Physiological Bases of Experimental and Clinical

Lymphography

Orig Pub

: Casop. lekaru ceskych, 1957, 96, No 47, 1463-1471

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Abstract

: Lymphography (L) was done on dogs with the sid of crystalloidal (iodourone; urographin, etc.), colloidal (collargol; thorotrast) and oily contrast substances. In direct I (introduction of the contrast medium directly into the lymph vessel) the crystalloids were rapidly resorbed into the capillary net, the colloids slowly filled the lymphatic stream, and passed through the thoracic duct into the circulatory system. After adre-五十八十分 美数数十八条轮形式 支柱

Card 1/2

Ustav Klinicke a experimentalni chirurgie, Praka-Krc.

CIA-RDP86-00513R0007237200

MALEK, P.; KOIG, J.

Problem of indirect x-ray lymphography in experimentation & in clinical practice. Cas. lek. cesk. 97 no.14:428-430 4 Apr 58.

1. Ustav klinicke a experimentalni chirurgie, Praha, prednosta doc. dr. B. Spacek, P. M., Praha-Krc, Budejovicka 800.

(INMPHATIC SISTEM, radiography indirect lymphographic method (Cs))

MAIRK, P.; KOIC, J.

Methodological approach to pathophysiological investigation of the lymphatic system. Cas. lek. cesk. 97 no. 34:1069-1074 22 Aug 58.

1. Ustav klinicke a experimentalni chirurgie, Praha, predacata doc. Dr. B. Spacek.

(IMPHATIC SISTEM pathophysiol, research, methodol, approach (Cs))

MALEK, P.: KOLC, J.

Circulation of d-oyoloserine & Csechoslovak BL-cycloserine in the organism. Cas. lek. cesk. 97 no.34:1075-1077 22 Aug 58.

1. Ustav klinicke a experimentalni chirurgie, Praha-Erc, prednosta doc. dr. B. Spacek.

(ANTIBIOTICS

B-cycloserine & Csech. BL-cycloserine, comparative circ. in exper. animals (Cs))

[4] [2] 的证法,但是是比较是让我们保持的现在,但我们就是这些人,我们们就是不是一个人,我们们就是一个人,我们们就是一个人,我们们们的,我们们们的一个人,

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Kore, 8

### NATURE

### A WEEKLY JOURNAL OF SCIENCE

### "LYMPHOTROPHIC ANTIBIOTICS"

P. MALEK

M. HEROLD

J. HOFFMAN

J. KOLC

Institute for Clinical and Experimental Surgery and
Institute for Antibiotic Research,
Prague

Nov. 24

SO: NATURE, No. 4610, Vol. 181, 8 March 58, Unclassified. Bak/mhs

Problems of lymphography of the deep lymphatic system of the pelvis & lower limbs. Ceak, rentg. 13 no.1154-62 Feb 59.

1. Ustav klinioks a experimentalni chirurgis, Fraha.

(INDPARTIO STRIPM, radiography

deep lymphatic system of pelvis & legs, technic (Cs))

(PRLVIS, radiography

lymphography of deep lymphatic system, technic (Cs))

(INO, radiography

same)

TO THE WASHINGTON BY THE PROPERTY OF THE PROPE

### MALEK, P.; BEIAN, A.; KOLO, J.

A method for the demonstration of the deep lymphatic system in the lumbar region. Ces. rentg. 13 no.5:343-348 0 \*59

1. Ustav klinicke a experimentalni chirurgie, Praha-Krc. (LYMPHATIC SYSTEM radiogr.)

MAIST. P.; KOIO, J., Technicka spoluprace M. Semoradova

Experiences with the restoration of lymph flow. Rozhl. chir. 38

1. Ustav klinike a experimentalni chirurgie, Praha.

(IMPHATIO SYSTEM, surg.)

COLUMN TARGET PROPERTIES DE L'EST PRESENTATION DE L'ESTATE DE L'ES

MALEK, P.; KOLO, J.; ZAK. P.

Principles of two-stage lymphography. Cas. lek. ceak. 98 no.81225-231

1. Ustav klinicke a experimentalni chirurgie, Praha. II. patologicko-anatomicky ustav lekarske fakulty KU, Praha. P. M., Praha-Erc, Budejo-vicka 800.

(IMPHATIC STRIM, radiography, two-stage lymphography in animals (Cz))

### MAINK, P.; KOIO, J.; BRIAN, A.; SURIN, V. Roentgenographic investigation of surface and deep lymphatic systems of the lower extremities. Cas. lek. cesk. 98 no.8:231-235 20 Feb 59. 1. Ustav klinicks a experimentalni chirurgis, Praha, prednosta doc. dr. B. Spacek. Statni ustav rehabilitacni, Kladruby u Vlasimi. P. M., Praha-Kro, Endejoricka 800. (LYMPHATIO SYSTEM, radiography, leg (Gr)) (ING anat. & histol. | Lymphatic system, x-ray (Gr))